

AMENDMENTS TO THE CLAIMS

Claim 1 (Cancelled)

2. (Previously Presented) A lip-type seal with which an outer periphery of a rotational shaft supported by a predetermined housing is to be sealed, the lip-type seal comprising:

a first reinforcing member formed annularly, the first reinforcing member including a wall surface part defining a hole through which the rotational shaft is to be passed and a cylindrical part bent from an outer edge of the wall surface part; and

a first sealing member, the first sealing member including an annular base to be joined to the housing, a first lip part that extends almost conically inwardly in a radial direction from the base so as to come into contact with the rotational shaft, and an annular concave part formed on the base so as to detachably fit the cylindrical part;

wherein the first reinforcing member has an inner cylindrical part that supports the base in a sandwiched manner from the inside in cooperation with the cylindrical part, and the wall surface part extends from the inner cylindrical part.

3. (Original) The lip-type seal as set forth in Claim 2, wherein the wall surface part is contiguous to a root area of the first lip part in an axial direction of the rotational shaft.

4. (Previously Presented) A lip-type seal with which an outer periphery of a rotational shaft supported by a predetermined housing is to be sealed, the lip-type seal comprising:

a first reinforcing member formed annularly, the first reinforcing member including a wall surface part defining a hole through which the rotational shaft is to be passed and a cylindrical part bent from an outer edge of the wall surface part;

a first sealing member, the first sealing member including an annular base to be joined to the housing, a first lip part that extends almost conically inwardly in a radial direction from the base so as to come into contact with the rotational shaft, and an annular concave part formed on the base so as to detachably fit the cylindrical part;

a second sealing member that is sandwiched between the first reinforcing member and the first sealing member; and

a second reinforcing member that is formed annularly and that is fitted to the first sealing member on a side opposite the first reinforcing member;

wherein the second sealing member includes

a to-be-sandwiched part that is sandwiched between the wall surface part and the root area of the first lip part; and

a second lip part that extends almost conically from the to-be-sandwiched part inwardly in a radial direction so as to come into contact with the rotational shaft; and

wherein the second reinforcing member includes

an annular wall surface part that is brought into contact with the base in the axial direction of the rotational shaft, and

a cylindrical part that is bent from the inner edge of the annular wall surface and that is fitted to the inside of the base.

5. (Original) The lip-type seal as set forth in Claim 4, wherein the first sealing member is made of rubber, and

the second sealing member is made of resin.

6. (Original) The lip-type seal as set forth in Claim 4, wherein the cylindrical part of the second reinforcing member has a contact part that comes into contact with the root area of the first lip part in the axial direction of the rotational shaft.

7. (Original) The lip-type seal as set forth in Claim 4, wherein the wall surface part of the first reinforcing member is provided with a rotation stopper that restricts the rotation of the second sealing member.

8. (Original) The lip-type seal as set forth in Claim 4, wherein the second reinforcing member has a restriction part that is bent from the cylindrical part inwardly so as to be cylindrical and that restricts deformation of the first lip part caused outwardly in the radial direction of the first lip part within a predetermined range.

9. (Original) The lip-type seal as set forth in Claim 4, wherein the first sealing member is detachably provided with an annular spring that exerts an urging force inwardly in the radial direction in an outer peripheral area of the first lip part.

10. (Original) The lip-type seal as set forth in Claim 4, wherein a third reinforcing member that is formed annularly and that restricts deformation of the first lip part caused inwardly in the radial direction of the first lip part within a predetermined range is sandwiched between the first sealing member and the second sealing member.

Claim 11 (Cancelled)